

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

746
1902

• Catalogue

LIBRARY
RECEIVED
NOV 24 1913
U.S. Department of Agriculture

OUR MOTTO:
PURE, RELIABLE
AND
TRUE TO NAME.



HOERMANN & CLEAR
TERRE HAUTE, INDIANA.

CATALOGUES
MAILED FREE
FOR THE
ASKING.

Farm *and* Garden

SEEDS



✻ ✻ TO OUR FRIENDS AND PATRONS ✻ ✻

In placing this, our 36th Annual Catalogue before you, we wish to state that it is simply a plain list of seeds of the best varieties known. It will be noticed that it is considerably condensed compared with some others. It seems a waste to use a great many words to describe old, well-known varieties, and it is worse than that to use them to blow new sorts as some dealers do. Some of these new sorts are well worth trying, and every one should choose some of them for trial, but to get our customers to do it, it is not our custom to blow and blow, as some do, but to simply tell their merits in moderate language. Those who buy and plant should appreciate this and not allow themselves to be carried away by long winded descriptions and greatly exaggerated illustrations.

We take it for granted that parties desiring to purchase seeds know how they should be used, and if customers will stop to think, they must realize that some one has to pay for these large pictorial and descriptive catalogues. And who has this to pay? Why, no one but the consumer. And for this reason alone we issue this catalogue in order to give our patrons the very best Pure, Reliable and True to Name Seeds at a reasonable price.

Should you change your address we will esteem it a favor if you will notify us so we can forward our catalogue with regularity. Write your name and address distinctly and in full. Please use the order sheet and envelope inserted in this catalogue.

We shall always be pleased to reward customers who send us the name and postoffice address of their friends who will buy seeds, bulbs, etc.

WARRANTY AND QUALITY OF SEEDS.

While we exercise the greatest care to have all our seeds Pure, Reliable and True to Name, we do not give any warranty express or implied as to description, quality, productiveness or any other matter of any seeds we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the seeds on these terms, they are at once to be returned and the money that has been paid for same will be refunded.

Postage.—Postage on all seeds is 8 cents per pound, but is not charged on ounces and quarter pounds excepting beans, peas and corn. Postage on sweet corn is 12 cents per quart, and on beans and peas 15 cents.

Low Prices.—A matter of primary importance in buying goods is to obtain only the best. Our position enables us to supply you with such seeds, and at prices to compete with all reliable seedmen.

Good Order.—If seeds are not received in good order within a reasonable time, write us and we will look up the shipment. Small orders are often delayed in transit.

Cash.—Money must always accompany the order. Money may be sent safely either by Postoffice Order, Express Order or Bank Draft. We will be responsible for the safe receipt of remittances sent by either of the above methods, and in orders amounting to \$1 or more the cost of remitting may be selected in extra seeds. We accept postage stamps the same as cash.

SPECIAL PRICES TO MARKET GARDENERS.

Market Gardeners, and all other purchasers of Seeds in large quantities, should call in person, or send for our Special Prices.

We especially solicit the trade of the Market Gardener, as we are in a position to fill his every want and to quote him the lowest prices on quantities. If you are a Market Gardener, we ask you to get our prices before placing your order. You will find it will be money in your pocket. Trusting that the Market Gardener will give us a chance to figure with him, we remain,

Yours Respectfully,

HOERMANN & CLEARY.

VEGETABLE AND FLOWER SEEDS

OF SPECIAL MERIT

Für Beachtung.

Alle Aufträge in deutscher Sprache erhalten dieselbe pünktliche Aufmerksamkeit wie die in englischer Sprache, denn hier wird auch Deutsch gesprochen.

ASPARAGUS.—Spargel.

	Oz.	$\frac{1}{4}$ lb.	lb.
Barr's Mammoth . . . . .	.05	.15	.50
Grows twice as large as Conover's Colossal.			

BEANS—Dwarf or Bush. Buschbohnen.

Add Ten Cents per Pint and Fifteen Cents Per Quart if sent by mail.

GREEN PODDED SORTS.

	Qt.	Gal.	Pk.
✓ Giant Stringless Green Pod . . . . .	.25	.75	\$1.40
Superior to the ordinary Stringless Green Pod.			
✓ Stringless Green Pod . . . . .	.20	.70	1.25
Green round pod.			
✓ Hopkin's Improved Round Pod Ex. Early Valentine . . . . .	.20	.65	1.25
The best Valentine in the market.			
✓ White Valentine . . . . .	.20	.70	1.35
Equal to Red.			
✓ Early Mohawk . . . . .	.20	.65	1.25
Large flat.			
✓ Extra Early Refugee . . . . .	.20	.65	1.25
✓ Refugee, or "1000 to 1" . . . . .	.20	.65	1.25
✓ Extra Early Yellow Six Weeks . . . . .	.20	.65	1.25
✓ Round Yellow Six Weeks . . . . .	.20	.65	1.25
Improved Round Pod.			
✓ Dwarf Horticultural . . . . .	.20	.65	1.25
Good snap and shell bean.			
✓ Large Red Kidney . . . . .	.20	.65	1.25
✓ White Kidney . . . . .	.20	.65	1.25
A good shell bean.			
✓ White Marrow . . . . .	.20	.65	1.25
✓ White Navy . . . . .	.20	.65	1.25

ALL PACKETS OF VEGETABLE SEEDS THREE CENTS,
EXCEPT WHERE NOTED.

On all Beans Add Ten Cents per Pint and Fifteen Cents per Quart if to be sent by Mail.

WAX PODDED BEANS. Wachs Bohnen.

	Qt.	Gal.	Pk.
Wardwell's Kidney Wax . . . . .	.20	.65	\$1.25
German Black Wax . . . . .	.20	.65	1.25
Improved Golden Wax . . . . .	.20	.65	1.25
A standard sort.			
Golden-Eyed Wax . . . . .	.20	.65	1.25
A little earlier than Golden Wax.			
Refugee Wax . . . . .	.20	.65	1.25
Very early round wax.			
Crystal White Wax . . . . .	.20	.65	1.25
Round; white pods; fine for pickling.			

POLE BEANS. Stangen Bohnen.

	Pkt.	Qt.	Gal.
Lazy Wives . . . . .	.05	.30	\$1.10
Old standard sort.			
Creaseback, or Fat Horse . . . . .	.05	.30	1.10
Dutch Case Knife . . . . .	. .	.25	.90
Horticultural or Cranberry . . . . .	. .	.25	.90
King or Mammoth Horticultural . . . . .	.05	.30	1.10
White Cut Short . . . . .	. .	.25	.90
The best corn bean.			
Speckled Cut Short Corn Bean . . . . .	. .	.25	.90
Kentucky Wonder, or Old Homestead . . . . .	.05	.30	1.10
Early Golden Cluster Wax . . . . .	.05	.30	1.10
Very early and very prolific.			
Scarlet Runner . . . . .	.05	.30	1.10
A favorite as a snap bean and for its flowers.			

POLE LIMA BEANS.

	Pkt.	Qt.	Gal.
Large Lima . . . . .	.05	.30	
Extra large size.			
King of the Garden . . . . .	.05	.30	
Seibert's Early . . . . .	.05	.30	
Small White Carolina or Sieva . . . . .	.05	.30	
Dreer's Improved, or Challenger . . . . .	.05	.30	
Pods thicker than other Limas and of best quality.			

BUSH OR DWARF LIMA BEANS.

	Pkt.	Qt.	Gal.
H. & C's. New Wax Lima . . . . .	.05	.25	.90
Broad, flat edible pods, entirely stringless.			
Henderson's Bush Lima . . . . .	.05	.30	
Burpee's Bush Lima . . . . .	.05	.30	
Dreer's Bush Lima . . . . .	.05	.30	

**ALL PACKETS OF VEGETABLE SEEDS THREE CENTS,
EXCEPT WHERE NOTED.**

BEETS. Rote Rüben.

	Oz.	$\frac{1}{4}$ Lb.	Lb.
✓ Extra Early Dirigo . . . . .	.05	.20	.70
One of the earliest Beets and very choice in shape and quality.			
✓ New Crosby's Egyptian . . . . .	.05	.20	.70
✓ Detroit Dark Red Turnip Beet . . . . .	.05	.20	.70
One of the best sorts for home garden or market.			
✓ Improved Extra Early Eclipse . . . . .	.05	.15	.50
✓ Early Blood Turnip . . . . .	.05	.15	.50
✓ Bastian's Extra Early Blood Turnip . . . . .	.05	.15	.50
Very early and popular.			
✓ Early Turnip Bassano . . . . .	.05	.15	.50
✓ Edmund's Early Turnip Blood . . . . .	.05	.15	.50
✓ Half Long Blood . . . . .	.05	.15	.50
Very choice.			
✓ Long Dark Blood Red . . . . .	.05	.15	.50

STOCK BEETS.

	Oz.	$\frac{1}{4}$ lb.	lb.
✓ Mammoth Long Red . . . . .	.05	.15	.40
Grows to immense size.			
✓ Golden Tankard . . . . .	.05	.15	.40
Yellow flesh variety.			
✓ Vilmorin's Sugar . . . . .	.05	.15	.40
White flesh variety.			

CABBAGE. Kraut (Kohl.)

	Pkt.	Oz.	$\frac{1}{4}$ lb.
✓ Alpha . . . . .	.05	.25	.85
The earliest solid-heading cabbage in cultivation. A new and improved extra early cabbage, introduced by one of the most famous cabbage growers on Long Island. Its general character is that of the Flat Dutch, but is much earlier, and specially remarkable for its solidity and freedom from superfluous or waste leaves. The strong points of value in this cabbage are: Its earliness, remarkable solidity and compactness of growth, enabling it to be planted closer than other varieties, and also its attractive form and shape. It is very strongly recommended by those who have grown it as an extra early variety, and we have every confidence that it will prove one of the most valuable early cabbages in cultivation. The main trouble with extra early cabbages heretofore is that they do not make solid heads. This is entirely overcome in the Alpha. The editor of the American Agriculturist, writing after an inspection of the crop, gives it as his opinion that it is "among the most noteworthy new vegetables that have come to our notice this season."			
✓ Extra Early Express . . . . .		.15	.50
The earliest of all.			
✓ Early Dwarf York . . . . .		.15	.50
Very early; small heart-shaped.			

	Pkt.	Oz.	$\frac{1}{4}$ lb.
✓ Large Early York . . . . .		.15	.50
About ten days later; larger in size.			
✓ Burpee's All Head Early . . . . .		.20	.75
Larger than Early Summer, and earlier.			
✓ Early Jersey Wakefield . . . . .		.20	.75
The standard sort.			
✓ Large Charleston Wakefield . . . . .		.20	.75
Very solid and not so pointed.			
✓ Early Dwarf Flat Dutch . . . . .		.15	.50
Reliable and popular among market gardeners.			
— Louisville Drumhead . . . . .		.15	.50
As early as Early Flat Dutch.			
✓ Early Winningstadt . . . . .		.15	.50
Early; very solid.			
✓ Fottler's Early Drumhead . . . . .		.15	.50
A first-rate second early.			
✓ Henderson's Early Summer . . . . .		.15	.60
One of the best early kinds.			
✓ All Seasons . . . . .		.20	.60
Fine, large heads.			
✓ Henderson's Succession . . . . .		.20	.60
Similar to All Seasons.			
✓ Burpee's Sure Head . . . . .		.15	.60
Medium size, round, very solid and fine grained.			
✓ Selected Flat Dutch . . . . .		.15	.50
A selected strain of large size and a good header.			
✓ Late Drumhead . . . . .		.15	.50
✓ Hollander . . . . .		.20	.75
This variety is a true shipper.			
— World Beater . . . . .		.15	.60
Very large heads; late.			
— Stone Mason . . . . .		.15	.60
A large solid late Drumhead.			
— Marblehead Mammoth . . . . .		.15	.60
Coarse heads.			
— Mammoth Rock Red . . . . .		.20	.70
The largest and solidest of all red cabbages.			
✓ Improved American Savoy . . . . .		.20	.75
Very fine quality.			

CAULIFLOWER. Blumenkohl.

	Pkt.	$\frac{1}{4}$ Oz.	$\frac{1}{4}$ Oz.
✓ Early Snowball . . . . .	.10	.50	\$1.00
Early dwarf and reliable.			

CARROT. Gelbe Rüben.

	Oz.	$\frac{1}{4}$ lb.	lb.
— Early French Forcing . . . . .	.10	.25	.85
Nearly round; for forcing.			

**ALL PACKETS OF VEGETABLE SEEDS THREE CENTS,
EXCEPT WHERE NOTED.**

	Oz.	$\frac{1}{4}$ lb.	lb.
✓ Early Horn . . . . .	.10	.25	.85
Small; early.			
✓ Danver's Half Long . . . . .	.10	.25	.85
Good for all purposes.			
✓ Saint Vallery, or New Intermediate . . . . .	.10	.25	.85
Uniform large size. Rich orange red.			
✓ Long Orange . . . . .	.10	.25	.80
Large; good for stock.			
✓ White Belgian . . . . .	.10	.25	.85

CELERIAC. Knollen Sellerie.

✓ Turnip Rooted Celery	Oz.
	.20

CELERY. Sellerie.

✓ Golden Self Blanching	Oz.
	.20
✓ Giant Pascal . . . . .	.20
Very large stocks; splendid keeper.	
✓ White Plume . . . . .	.20
✓ Pink Plume . . . . .	.20
Stocks streaked with pink.	

SWEET CORN. Zucker Korn.

Add Twelve Cents per Quart if sent by Mail.

	Qt.	Gal.	Pk.
✓ Kendel's Early Giant . . . . .	.15	.50	.90
The largest early sweet corn grown.			
✓ First of All . . . . .	.15	.40	.75
✓ Adam's Extra Early . . . . .	.15	.40	.75
✓ Landreth Early Market . . . . .	.15	.40	.75
✓ Early Adams, or Burlington Hybrid . . . . .	.15	.40	.75
✓ Early Mammoth . . . . .	.15	.40	.75
✓ Early Minnesota . . . . .	.15	.40	.75
✓ Country Gentleman . . . . .	.15	.40	.75
✓ Shoe Peg . . . . .	.15	.40	.75
✓ Perry's Hybrid . . . . .	.15	.40	.75
✓ Stowell's Evergreen . . . . .	.15	.40	.75
✓ Late Mammoth . . . . .	.15	.40	.75

POP CORN.

	Qt.	Gal.
✓ White Rice . . . . .	.20	.70
✓ Golden Queen . . . . .	.20	.70

CORN SALAD. After-Salat.

	Oz.	$\frac{1}{4}$ Lb.
✓ Large Leaf . . . . .	.10	.25
Fine for salad.		

CRESS. Kresse.

	Pkt.	Oz.
✓ Curled or Pepper Grass . . . . .		.10
Used for salad; very pungent.		
✓ True Water Cress . . . . .	.05	.40
Delicious flavor; very wholesome.		

CUCUMBERS. Gurken.

	Oz.	$\frac{3}{4}$ Lb.	Lb.
✓ Thorburn's Everbearing . . . . .	.05	.15	.50
Small size; valuable as a green pickler.			
— Arlington White Spine . . . . .	.05	.15	.50
The old favorite.			
— Evergreen White Spine . . . . .	.05	.15	.50
Claimed to be an improvement on the above.			
✓ Early Frame . . . . .	.05	.15	.50
✓ Early Cluster . . . . .	.05	.15	.50
✓ Green Polific . . . . .	.05	.15	.50
Extra early for pickling or slicing.			
— Chicago Pickling . . . . .	.05	.15	.50
✓ Nichol's Medium Green . . . . .	.05	.15	.50
✓ London Long Green . . . . .	.05	.15	.50
— West India Gherkin . . . . .	.10	.25	
Good for pickling only. (Small.)			

ENDIVE. Endivien Salat.

	Pkt.	Oz.	$\frac{3}{4}$ Lb.
✓ Broad-Leaved Batavian . . . . .		.15	.50
Thick, slightly wrinkled; forming a loose head.			
— White Curled . . . . .		.15	.50
— Green Curled . . . . .		.15	.50

ECC PLANT. Eierpflanze.

	Pkt.	Oz.
✓ New York Improved Spineless . . . . .	.05	.25

GARLIC. Knoblauch.

	$\frac{3}{4}$ Lb.	Lb.
American Grown Garlic . . . . .	.10	.35

KALE. Blätterfohl.

	Oz.	$\frac{3}{4}$ Lb.	Lb.
✓ Improved Siberian . . . . .	.10	.25	.75
✓ Dwarf German Greens . . . . .	.10	.25	.75
✓ Tall Curled Scotch . . . . .	.10	.25	.75

KOHL-RABI. Kohlrabi.

	Oz.
✓ Early White Vienna . . . . .	.20

LEEK. Lauch oder Porree.

	Oz.
✓ Broad Scotch or London Flag . . . . .	.15

LETTUCE. Salat (Lattich.)

	Pkt.	Oz.	$\frac{3}{4}$ Lb.
✓ Grand Rapids . . . . .		.10	.25
Extra fine for forcing.			
✓ Black Seeded Simpson . . . . .		.10	.25
Stands heat well.			

**ALL PACKETS OF VEGETABLE SEEDS THREE CENTS,
EXCEPT WHERE NOTED.**

	Pkt.	Oz.	¼ lb.
✓ Early Curled Simpson . . . . .		.10	.25
Good for forcing and out doors.			
✓ Philadelphia Butter . . . . .		.10	.25
Solid heads of large size; stands heat and cold well.			
✓ Prize Head . . . . .		.10	.25
Leaves frilled and blistered; very crisp.			
✓ Trocadero . . . . .	.05	.20	.75
A new Cabbage Lettuce from France. It is of light green color, forming a large, solid head resembling the New Orleans Improved Passion Lettuce somewhat in appearance. The leaves are thinner, and therefore not so well adapted for shipping. It is excellent for forcing for home market.			
✓ New Sensation . . . . .	.05	.30	\$1.00
A beautiful light yellowish green color. Leaves much blistered on the surface, and has the appearance of forming a solid head before half grown. Its uniform, handsome and even growth is unequalled. It is one of the easiest to grow.			
✓ Early White Cabbage or Butter . . . . .		.10	.25
Large solid heads.			
✓ Denver Market . . . . .		.10	.25
Good header.			
✓ Hanson . . . . .		.10	.25
Stands drought and hot sun well.			
✓ Big Boston . . . . .		.10	.25
✓ California Cream Butter . . . . .		.10	.25
Well formed; light green heads.			
✓ Brown Dutch . . . . .		.10	.25
Leaves brown.			
✓ Salamander . . . . .		.10	.25
Good heading variety; will withstand summer heat.			
✓ Iceberg . . . . .		.10	.25
The hardest heading variety of all.			

MUSKMELON. Butter-Melons.

	Oz.	¼ lb.	lb.
✓ Extra Early Citron, or Cantalope . . . . .	.10	.25	.90
(First in Market). The largest of the very early nutmeg melons. Fairly netted, flesh green and quality first-class.			
✓ Netted Gem . . . . .	.10	.20	.60
Early; thick green flesh.			
✓ Rocky Ford . . . . .	.10	.25	.90
The celebrated Colorado strain of the Netted Gem.			
✓ Champion Market . . . . .	.10	.20	.60
Early; fruit medium large; flesh light green.			
✓ Tip Top . . . . .	.10	.25	.90
Medium size; skin netted; salmon flesh.			
✓ Paul Rose . . . . .	.10	.25	.90
Very early; good shipper; red flesh.			

	Oz.	$\frac{1}{4}$ lb.	lb.
✓ Emerald Gem . . . . .	.10	.20	.60
Extra early; orange flesh; very sweet.			
✓ Osage . . . . .	.10	.20	.60
✓ Extra Early Hackensack . . . . .	.05	.15	.50

WATERMELON. Wassermelonen.

	Oz.	$\frac{1}{4}$ lb.	lb.
✓ Kleckley Sweets . . . . .	.10	.25	.90
Said to be the sweetest table melon known.			
✓ Fordhook Early . . . . .	.10	.25	.90
Earliest large variety.			
✓ Florida Favorite . . . . .	.05	.15	.50
Dark green skin; flesh bright red.			
✓ Mountain Sweet . . . . .	.05	.15	.50
Long; dark skin; flesh scarlet.			
✓ Monte Cristo . . . . .	.05	.20	.60
Very sweet and tender; flesh rich red.			
✓ Kentucky Wonder . . . . .	.05	.20	.60
A good melon for home use or market, weighing from 40 to 60 pounds.			
✓ Phinney's Early . . . . .	.05	.15	.50
✓ New Triumph . . . . .	.10	.25	.75
✓ Hoosier King . . . . .	.05	.15	.50
✓ Sweet Heart . . . . .	.05	.15	.50
✓ Duke Jones . . . . .	.05	.15	.50
✓ Dixie . . . . .	.05	.15	.50
✓ Striped Gipsy, or Rattlesnake . . . . .	.05	.15	.50
✓ Round Dark Icing . . . . .	.05	.15	.50
✓ Round Light Icing . . . . .	.05	.15	.50
✓ Long Light Icing . . . . .	.05	.15	.50
✓ Kolb's Gem . . . . .	.05	.15	.50

PEAS. Erbsen.

On all Peas Add Fifteen Cents per Quart if to be sent by Mail.

Peas are so short this season that on some varieties we can only accept large orders in connection with other seeds, as it is our purpose to protect those who look to us for *their general supply of seeds*.

	Qt.	Gal.	Pk.	Bu.
✓ Sunrise . . . . .	.20	.70	\$1.30	
Seed light green, slightly indented. Very prolific.				
Large pods well filled. Quality first class.				
Height 2 feet. Comes to the table about ten days after Alaska.				
✓ Culverwell's Telegraph . . . . .	.20	.70	1.30	
Seed green, dented. Height, $3\frac{1}{2}$ feet. Habits, growth and general appearance similar to Telephone. Pods and foliage being a darker shade of green. Medium late.				

**ALL PACKETS OF VEGETABLE SEEDS THREE CENTS,
EXCEPT WHERE NOTED.**

	Qt.	Gal.	Pk.	Bu.
Cleveland's First and Best . . . . .	.25	.85	1.50	5.50
Very early. Height, 2½ ft.				
Cleveland's Alaska . . . . .	.25	.90	1.75	6.00
The very earliest and best blue pea. Height, 2 ft.				
Cleveland's Eclipse . . . . .	.35	1.25	2.00	
An extra early variety of splendid quality. Height 2 feet.				
Gradus, or Prosperity . . . . .	.35	1.25		
One of the earliest of wrinkled varieties; large pods. Height 2½ ft.				
Lexton's Alpha . . . . .	.20	.70	1.30	
The best tall early pea. Height, 3 ft.				
Nott's Excelsior . . . . .	.30	1.00	1.90	
An improvement on American Wonder. Height 1 foot.				
American Wonder . . . . .	.25	.85	1.50	
Well known and very popular. Height, 1 ft.				
McLean's Little Gem . . . . .	.20	.70	1.30	
Very prolific; a garden favorite. Height, 1 ft.				
Blue Peter . . . . .	.20	.70	1.30	
Very early; fine quality. Height, ¾ ft.				
Tom Thumb . . . . .	.20	.70	1.30	
An old, smooth, white sort. Height, ¾ ft.				
Dwarf Telephone . . . . .	.30	.85		
Peas of large size, 5 to 7 to the pod. Height, 18 inches.				
Horsford's Market Garden . . . . .	.20	.70	1.30	
Style of Advancer; very prolific. Height, 2 ft.				
Improved Stratagem . . . . .	.20	.75	1.40	
An improvement on the old Stratagem. Height, 2 feet.				
Pride of the Market . . . . .	.20	.75	1.40	
Very large pods; popular for market. Height, 1½ feet.				
Shropshire Hero . . . . .	.20	.70	1.30	
Productive; fine flavor; handsome pod. Height, 2 ft.				
Advancer (McLean) . . . . .	.20	.70	1.30	
Fine standard sort. Height, 2½ ft.				
Abundance . . . . .	.20	.70	1.30	
Long, round; well-filled pods. Height, 1½ ft.				
Heroine . . . . .	.20	.70	1.30	
Large, full pods; fine quality.				
Sharpe's Queen . . . . .	.20	.75	1.40	
The perfection of a pea for every purpose. Height 2½ ft.				
Juno . . . . .	.20	.70	1.30	
Long pods with 7 to 9 large peas; Height, 2 ft.				
Telephone . . . . .	.20	.70	1.30	
Enormous pods; fine quality. Height, 4½ ft.				

	Qt.	Gal.	Pk.	Bu.
✓ Bliss Everbearing . . . . .	.20	.70	1.80	
Long bearing; large peas. Height, 2 ft.				
✓ Champion of England . . . . .	.20	.65	1.15	
Well-known standard variety. Height, 5 ft.				
✓ Royal Dwarf White Marrowfat . . . . .	.15	.50	.90	
A favorite for market. Height, 2½ ft.				
✓ Meiting Sugar . . . . .	.25			
Large, broad, edible pods. Height, 5 ft.				

MUSTARD. Senf.

	Oz.	¼lb.	lb.
✓ White . . . . .	.05	.15	.40
✓ Southern Giant Curled . . . . .	.10	.25	

OKRA. Ocker.

	Oz.	¼lb.	lb.
✓ Dwarf White . . . . .	.10	.25	

ONION. Zwiebel.

	Oz.	¼lb.	lb.
✓ Extra Early Red Round . . . . .	.10	.35	\$1.25
✓ Extra Large Red Wethersfield . . . . .	.10	.35	1.25
✓ Southport Large Red Globe . . . . .	.15	.50	1.50
✓ Southport White Globe . . . . .	.15	.60	2.15
✓ Australian Brown . . . . .	.15	.50	1.50
Early; keeps in good condition longer than others.			
✓ Mammoth Silver King . . . . .	.15	.60	2.15
The largest white onion in cultivation; very mild.			
✓ Mammoth Prizetaker . . . . .	.15	.50	1.50
Largest yellow onion grown.			
✓ Yellow Globe Danvers . . . . .	.10	.30	1.10
✓ White Silverskin, or Portugal . . . . .	.15	.60	2.15

PARSLEY. Petersilie.

	Oz.
✓ Emerald Leaved . . . . .	.15
Finely cut and curled.	
✓ Plain . . . . .	.10

PEPPER. Pfeffer.

	Oz.
✓ Golden Queen . . . . .	.25
Color a bright golden yellow.	
✓ Spanish Monstrous . . . . .	.15
Very large; red and mild.	
✓ Sweet Mountain . . . . .	.15
Large; square shaped and mild.	
✓ Bell, or Bull Nose . . . . .	.15
Not quite so mild as Sweet Mountain.	

**ALL PACKETS OF VEGETABLE SEEDS THREE CENTS,
EXCEPT WHERE NOTED.**

Ruby King	Oz.	.15
Fruit very large; bright red color.		
Cayenne . . . . .		.15
Fruit long, hot and pungent.		
Red Chili . . . . .		.15
Small and prolific. Used for pepper sauce.		

PARSNIP. Pastinake.

Large Hollow-crown Sugar	Oz.	$\frac{1}{4}$ lb.	lb.
	.05	.15	.40

PEANUT.

Spanish	Pt.	Qt.
	.10	.20

POTATOES. Kartoffel.

Eight Bushels Will Plant an Acre.

It is well understood that potatoes are not plentiful, and those wanting them for early planting will do well to buy early. We have secured a moderate stock of good seed potatoes grown in Wisconsin.

Bliss Triumph. (The earliest potato in existence.) Fine for early market or family use, but not so desirable for main crop.

Early Ohio.

Beauty of Hebron.

Early Rose.

Rural New Yorker. Medium.

Burbank. Late.

Market price. Prices quoted on application.

SEED SWEET POTATOES. Süß-Kartoffel.

For many years Sweet Potatoes have been a great specialty in our business, as we offer a larger and better stock and more varieties than any other house in the land. The stock is of suitable size for bedding—small to medium (none very small), except in the very large growing sorts, of which a part is of large size, of necessity. Always sorted before we ship same, so that nothing but sound stock can be sent out. But we wish it distinctly understood that customers take all risks after we deliver in good condition to the express or railroad company here. We do not ship until about planting time.

Extra Early Carolina.

Early Yellow Jersey.

Red Jersey.

Red Bermuda.

Early Yellow Strasburg.

Southern Queen.

Brazilian.

Market prices. Write for particulars.

PUMPKIN.

Sweet Cheese, or Kentucky Field	Oz.	$\frac{1}{4}$ lb.	lb.
The best sort.	.05	.10	.30
Cushaw . . . . .	.05	.15	. .
Long, yellow, crookneck; fine for table or stock.			

RADISH. Rettig (Radischen.)

	Oz.	$\frac{1}{4}$ lb.	lb.
✓ Icicle. (New) . . . . .	.10	.30	\$1.00
Long, smooth, white forcing radish.			
✓ Carmine Forcing . . . . .	.10	.25	.85
The best and quickest early scarlet turnip radish.			
✓ Scarlet Globe . . . . .	.05	.20	.60
Fine for forcing and open ground; very early.			
✓ New White Pearl . . . . .	.10	.25	.85
✓ Cincinnati Market . . . . .	.05	.20	.60
✓ Improved Chartier, or Shepherd . . . . .	.05	.20	.60
✓ Wood's Early Frame . . . . .	.05	.15	.50
✓ Early Long Scarlet Short Top . . . . .	.05	.15	.50
✓ Early Scarlet Turnip . . . . .	.05	.15	.50
✓ Early White Turnip . . . . .	.05	.15	.50
✓ French Breakfast . . . . .	.05	.15	.50
✓ Golden Globe . . . . .	.05	.15	.50
✓ White Strasburg . . . . .	.05	.20	.60
✓ Giant White Stuttgart . . . . .	.05	.20	.60
✓ White Lady Finger, or Long White Vienna . . . . .	.05	.20	.60
✓ California Mammoth Winter . . . . .	.10	.25	..
✓ China Rose Winter . . . . .	.10	.25	..
✓ Long Black Spanish Winter . . . . .	.10	.25	..
✓ Round Black Spanish Winter . . . . .	.10	.25	..

RHUBARB. Rhabarber.

	Oz.	$\frac{1}{4}$ Lb.
✓ Victoria . . . . .	.10	.40

SALSIFY, OR OYSTER PLANT.

Austernpflanze, oder Oysterwurzel.

	Oz.	$\frac{1}{4}$ Lb.
✓ Mammoth Sandwich Island . . . . .	.10	.35

SPINACH. Spinat.

	Oz.	$\frac{1}{4}$ Lb.	Lb.
✓ New Zealand . . . . .	.10	.25	.85
Fine growth of succulent leaves the entire summer.			
✓ Long Standing . . . . .	.05	.10	.30
✓ Round Leaved . . . . .	.05	.10	.30
✓ Large Thick Leaved . . . . .	.05	.10	.30
✓ Bloomsdale Savoy . . . . .	.05	.10	.30
✓ Victoria . . . . .	.05	.10	.30

TOBACCO. Taback.

	Oz.
Connecticut Seed Leaf . . . . .	.20
Well known variety.	
White Burley . . . . .	.20

**ALL PACKETS OF VEGETABLE SEEDS THREE CENTS,
EXCEPT WHERE NOTED.**

TOMATO. Liebes Apfel.

	Pkt.	Oz.	¼ lb.
Freedom . . . . .	.05	.30	..
New and early. The plant is medium in size, presenting no peculiarities of foliage or habit. The fruit is borne mainly in clusters—perfectly round, having no sign of concave at the base. Of a bright, dazzling shade of scarlet. The flesh is remarkably solid, having but few seeds. The flavor is perfect, absolutely free from any acidity. We have no hesitancy whatever in recommending it to any class of growers, —not only for extra early use, but for a good all round variety, for until quite late in the fall we have been able to gather good fruit from this variety, and after all others had long since ceased fruiting. Undoubtedly the most prolific of all early tomatoes, and equal in size to the largest of any early sort put on the market. A very valuable acquisition to the tomato list.			
Magnus . . . . .	.05	.30	..
This distinct new variety, of the color of Beauty and Acme, is one of the very best additions to the tomato family. It is fully as early, thicker, heavier and more solid than either of the above, making it easily the most handsome sort in cultivation. It is unsurpassed in quality, and in the production of fine large fruits. While well adapted to main crop planting, it matures so quickly that it takes first rank for early market. The form is perfect, uniform, large and attractive. Flesh is very fine. It is a robust grower, with short joints, setting its clusters closer together than most varieties, and is, therefore, a heavier cropper. The fruits are usually very deep from stem to blossom end—some of them being almost globe shape. It ripens evenly. Does not crack about the stem, and the flavor is most desirable.			
✓ Crimson Cushion . . . . .	.05	.35	..
Grows very large and solid; almost seedless.			
✓ Early Ruby or Atlantic Prize . . . . .		.20	..
Very early, large fruit, bright red.			
✓ Livingston Perfection . . . . .		.15	.50
Early, medium size, color blood red.			
✓ Ponderosa . . . . .	.05	.35	..
The largest tomato grown, rich crimson, solid flesh.			
✓ The Stone . . . . .		.20	.60
Very large and smooth, ripens evenly, bright scarlet.			
✓ Essex Hybrid . . . . .		.20	.60
✓ Acme . . . . .		.20	.60
✓ Livingston Beauty . . . . .		.20	.60
Well-known variety, crimson tinged with purple.			
✓ Dwarf Champion . . . . .		.30	..
Very early, dark purplish red.			

SQUASH. Speise-Kürbis.

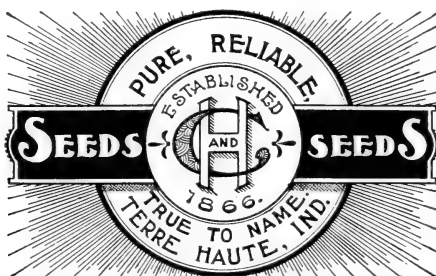
	Oz.	$\frac{1}{4}$ lb.	Lb.
✓ Early White Bush . . . . .	.05	.15	.50
Early ; flat scallop shape.			
✓ Summer Crook-Neck . . . . .	.05	.15	.50
Fruit about 1 foot long with crooked neck.			
✓ Warty Hubbard . . . . .	.05	.15	.50
A Hubbard squash completely covered with warts.			
✓ Hubbard . . . . .	.05	.15	.50
The old standard.			

TURNIP. Weiße Rüben.

	Oz.	$\frac{1}{4}$ lb.	lb.
✓ Early Purple Top Milan . . . . .	.10	.25	. .
Red, or Purple Top Strap Leaf . . . . .	.05	.15	.45
✓ Red Top White Globe . . . . .	.05	.15	.45
✓ White Flat Dutch . . . . .	.05	.15	.45
✓ White Globe . . . . .	.05	.15	.45
✓ Golden Ball . . . . .	.05	.15	.45
✓ American Purple Top Ruta Baga . . . . .	.05	.15	.50

HERB SEEDS.

	Oz.
Anise . . . . .	.10
Basil (Sweet) . . . . .	.10
Caraway . . . . .	.10
Coriander . . . . .	.10
Dill . . . . .	.10
Sweet Fennel . . . . .	.10
Lavender . . . . .	.10
Sweet Marjoram . . . . .	.15
Rosemary . . . . .	.20
Sage . . . . .	.10
Summer Savory . . . . .	.10
Winter Savory . . . . .	.10
Thyme . . . . .	.20
Wormwood . . . . .	.10



**ALL PACKETS OF VEGETABLE SEEDS THREE CENTS,
EXCEPT WHERE NOTED.**

FARM SEEDS.

It is always our aim to supply good and clean seeds in this line, and no good farmer will want defective or foul seeds because slightly lower in price. "The best is the cheapest" is a proverb that applies here, if anywhere. If by chance a little inferior seed is brought in, it is sold as such, and not represented as good.

GRASS SEEDS.

(Prices of all Grass Seeds vary and cannot be quoted.)

Timothy. Prime quality always in stock.

Kentucky Blue Grass and Red Top.

Orchard Grass. A very valuable grass, and should be extensively used for pasture, and is good, also for hay.

CLOVER

Medium, or Common Red; Mammoth, or Large English; White, Alsike, Crimson, or Scarlet, and Alfalfa.

Prices of the above cannot be quoted here, as they will vary.

SOUTHERN COW PEAS.

THE GREAT LAND RENOVATOR.

The Growing Crop Not Only Enriches the Ground, but Furnishes a Large Amount of Most Valuable Forage for Dry or Green Feeding.

Sow from 1½ to 1½ Bushels to the Acre.

Whip-poor-Will. An early variety, tall, upright, medium yield of vines, large yield of peas for which they are particularly grown. Highly recommended for "hogging down." Market price.

Clay. The leading variety in the South. Large yield of vines and peas, but requires longer season to mature than the former named varieties. Fine for summer pasture or green feeding, or to turn under green for soiling. Market price.

Canada Field Peas. Market price.

Dwarf Essex Rape. A forage plant of highest value. It can be sown in April for an early crop, and for fall crop in July, August and September, and still later further south. It is sown broadcast 6 lbs. to the acre, but it is better drilled, in which case 3 lbs. to the acre will suffice. In a few weeks from the time of sowing, sheep, hogs or cattle can be turned on it; all reports agree that they gain weight faster on this than any other fodder, as it can be sown after other crops are off; the gain in fodder is secured at a nominal cost. Stockmen, Dairymen and Farmers have proved its value. Pound, 10 cts. Special prices on large quantities.

BUCKWHEAT.

Should be sown about the middle of June, broadcast, using from one to three pecks of seed to the acre.

Japanese. This new sort has proven to be much earlier and more productive than any other variety. The grains are very large and of a rich brown color. It excels in yield and earliness. Market price.

Common, the old well-known sort. Market price.

SORGHUM, OR SUGAR CANE.

Sorghum is being used extensively as a green food for cattle, horses and mules; it is a sure crop, being a great drought resister and an immense yielder, producing

many tons of most nutritious green food to the acre. Specially fine for food for milch cows when pasture is short.

Early Orange Cane. A strong grower; much more juicy than any other variety. The stalk is heavier, and a little later than the Amber. 5c per pound. Special prices in large quantities.

Early Amber Cane. This popular and well-known variety is the earliest, and makes the finest quality of both sugar and syrup. 5 cents per lb. Special prices in large quantities.

BROOM CORN.

Improved Evergreen. The best for general cultivation; brush firm, of good length, and bright green color. Market price.

FIELD CORN.

This corn has been grown in Northern Ohio, which, in the opinion of most growers, adds to its value, and every lot will have been tested before selling.

Champion White Pearl. A pure white variety of the dent family; very productive and exceedingly heavy, the grain is extra deep and wide. This is especially recommended for hominy corn. Prices on application.

Bloody Butcher, or Red Blaze. A well known variety that needs no description. Prices on application.

EXTRA EARLY HURON YELLOW DENT.

This is the earliest of all Dent Corn, of fine quality, and although a small-eared sort, is quite productive. Planted the 10th of July it has made a good crop. Prices on application.

IMPROVED LEAMING.

This sort is now established as one of our best yellow sorts. It is early, very solid and prolific. Prices on application.

EARLY MASTODON.

This large, early yellow Dent Corn has been sold for years, and it proved to be what was claimed, the most productive variety known, having repeatedly yielded 100, 110 up to 150 bushels to the acre. It has a large ear with twenty to thirty rows, the outside of the grains being a light yellow while the inner parts are dark. It is of very strong growth, and as early as any grown, except the small northern sorts. Prices on application.

DUNCAN'S WHITE PROLIFIC.

This variety has taken premiums at our State fair several years past. Ears very large, cob small, grain deep and pure white. It matures in 100 to 110 days, being earlier than most white corn, and is remarkably prolific. It has yielded up to 100 bushels. There can be no doubt of the extreme value of this corn. Selected and shelled. Prices on application.

Lawns and Lawn Grass Seed.

HOW TO MAKE A LAWN.

The ground should be spaded deeply and thoroughly raked to a level and fineness, and after seed is sown should be very lightly raked, as heavy raking would cover it too deep. After raking it is well to roll it, but it is not absolutely necessary.

KIND OF SEED.

Kentucky Blue Grass is largely used alone, and it makes a fine sod. It is well to use it with a little **White Clover**, which is of low growth and looks well, and it is of surer growth than blue grass. As light seeds like blue grass cannot be covered deep, but must be close to the surface, they are readily effected by dry weather. The seed may be ready to sprout and in the morning be moist, but before night be dried out and ruined. With this uncertainty it is well to sow a little **Timothy** seed or **Red Top** with it, which is of much surer growth, and in a couple of years the blue grass will run it out.

WHEN TO SOW.

Seed can be sown with good results almost any time where water can be had to sprinkle when it becomes dry. If not then February and March are the best months, that it may come up with the warm spring rains. August and September are also good months, as we usually have fall rains to do the same.

AMOUNT OF SEED.

It is advised to sow one pound of seed to each thirty feet square on bare ground, and on old lawns in proportion as needed.

Price.—Choice Blue Grass, per pound, 20 cents; 2 for 35c, 3 for 50c. White Clover, per pound, 25 cents. Large amounts of any of these at a reduction.

FERTILIZERS FOR THE LAWN.

Barnyard manure is objectionable, for it will furnish coarse grasses and weeds that are not pleasing. Ground bone or a special sward food is better, and on new lawn should be sown at the rate of one pound to five square yards, and should be well raked in before sowing the seed, and each spring or fall succeeding about half the quantity.

Prices for Lawn Fertilizers:—Four pounds, 25 cents; ten pounds, 50 cents; forty pounds, \$1.75.

SUPPLIES FOR HORSES, CATTLE AND HOGS.

LINSEED MEAL. (Crushed Oilcake, Old Process.)

Well known as an excellent food. This contains considerable oil and must be used in small quantities. Ten pounds for 25 cents, twenty-five pounds, 50 cents, and 100 pounds, \$1.85. Price per ton on application.

PRATT'S ANIMAL REGULATOR.

(Pratt's Food highly concentrated.) This contains exactly the same merits, advantages, ingredients, etc., as Pratt's Food, only a small measure full is required, instead of large cup fulls. Price per box, 25 cents.

PRATT'S FOOD.

The great value received from its use makes it profitable to all owners of horses, cattle, sheep and hogs. Seven pound trial package, 50 cents; twelve pound sack, 75 cents.



INTERNATIONAL STOCK FOOD.

(Three feeds for one cent.) Cures and prevents disease in horses, cattle, sheep and hogs. Insures health and rapid growth for all young stock. Boxes, 25 and 50 cents. Buckets of 25 pounds, \$3.50.

DR. HESS' STOCK FOOD.

This food is compounded by Dr. Hess, a practicing physician and Veterinary Surgeon. It costs you no more than other foods put up by quacks. Seven pound box, 50 cents.

MILLER'S ELECTRIC HORSE AND CATTLE POWDER.

A medicine that gives excellent results in the treatment of horses and cows. Acts upon the stomach, blood, kidneys and bowels. Opens all ducts of secretion and relieves all congestion. Price, per box, 15 cents.

MILLER'S ELECTRIC CURE FOR HOG CHOLERA.

Indorsed by scientific men and hog raisers. The most wonderful cure ever known. Never fails to cure where directions have been followed. Try it and save your hogs. Price, 25 cents per box.

NEW PROCESS DOG BISCUITS.

A highly concentrated condition food for dogs and growing puppies. Price, 12 cents per pound. 2½ pound carton for 25 cents.

POULTRY SUPPLIES.

Pratt's Poultry Food.—Twenty-six ounce package 25 cents; five pound package, 60 cents.

International Poultry Food.—The great egg producer. Box of 1,200 feeds for 25 cents; box of 2,500 for 50 cents.

Dr. Hess' Poultry Panacea.—A positive cure for gapes, cholera and roup. An excellent tonic and egg producer. Price per package, 25 cents.

Dr. Hess' Instant Louse Killer.—One pound box 25 cents.

Granulated Bone.—Essential in winter for laying hens. Per pound, 5 cents; five pounds, 20 cents.

Ground Oyster Shell.—Will increase the supply of eggs and keep poultry in healthy condition. Five pounds, 10 cents; 25 pounds, 40 cents; \$1.25 per 100 pound sack.

Mica Crystal Grit.—The best grit in the market; claimed to be better than crushed oyster shell. Five pounds, 10 cents; 25 pounds, 40 cents; 100 pound sack, \$1.25.

Sunflower Seed, Large Russian.—Sunflower seeds are superior food for poultry (said to improve the meat.) Per quart, 10 cents; gallon, 25 cents. Special prices of larger quantities on application.



CYPHERS INCUBATOR

The Cyphers Incubators, for which we are authorized agents, are fully guaranteed by the manufacturers as follows:

First: To require no supplied moisture.

Second: To be self ventilating.

Third: To be self-regulating.

Fourth: To operate with less oil and at less expense than any other make of incubator.

Fifth: To be fireproof, having the best, the safest, and most costly-built heater attached to any incubator.

Sixth: To be the easiest to operate and control, requiring less labor and attention than any other make of incubator.

Seventh: To produce larger and stronger chicks than any other make of incubator on the market.

Eighth: Also that when it is run with any incubator of a different make, it shall, in three or more hatches, bring out a larger percentage of the fertile eggs in good, healthy chicks or ducklings than does its competitor.

If you are in search of the latest patented, most durably-built and best practical incubator, one that will hatch the largest number of the strongest and healthiest chicks or ducklings, the Cyphers is that machine.

No. 0—60 hen eggs, 48 duck eggs	\$14 00
No. 1—120 hen eggs, 100 duck eggs	20 00
No. 2—220 hen eggs, 190 duck eggs	29 00
No. 3—360 hen eggs, 290 duck eggs	37 00



THE ONLY GENUINE UNCLE BEN'S ANTISEPTIC NEST EGG.

The Great Discovery for Ridding Poultry
of Vermin.

The Least Trouble to Use of any Remedy
on the Market.

5 CENTS EACH.

INSECTICIDES.

HAMMOND'S SLUG SHOT

Is probably the best insect destroyer ever offered. It is invaluable for the destruction of potato bugs, cut worms, chinch bugs, rose bugs and slugs, curculia and all lice, worms or caterpillars, upon melon, cucumber, grape and squash vines, tobacco, cabbage, cotton and egg plants, currants, fruit and ornamental trees, and all shrubs and flowering plants. It is not poisonous, and fruit and vegetables on which it is applied will grow, and look much finer than those on which it has not been used. It comes prepared for use, and is simply dusted lightly on, so that it reaches all parts of the plant. The quantity used per acre varies from 10 to 40 lbs., according to size and number of plants.

Express or Freight Charges always to be paid by the purchaser.

Prices, 5 lbs., 30c; 10 lbs., 55c; 100 lbs., \$4.00.



PARIS GREEN.

Warranted strictly pure. Quarter pound box, 5 cents; half pound box, 10 cents; one pound box, 20 cents.



For applying any dry powder, such as Slug Shot, Paris Green, Hellebore, Insect Powder, Plaster, etc., on plants or trees, the powder being evenly distributed over a wide space and with the least possible waste, the work being more rapidly done than by any other known implement. It is twenty-seven inches long, with extra tubes for dusting trees, and holds one quart of powder. By turning the crank a fan is rapidly revolved, which forces a current of air through the tubes, that carries with it a small portion of powder. The quantity may be increased or diminished as desired.

(See cut.)

Price, complete, \$3.00.

SPRAYERS.

We have taken the agency for the Double Tube Lightning Insect Exterminator, which in our estimation is the greatest one ever placed on the market. For cut and particulars see back of cover.

Seed Sowers.

Little Giant is the newest style, and the best, probably, of all.

Little Giant, No. 1, with bow	- - - - -	\$1.25 each
Little Giant, No. 3, with crank	- - - - -	1.75 each
Premier Broadcast, with crank	- - - - -	.75 each

The Celebrated "Iron Age" Garden and Farm Implements.

Greatest labor savers known. Immensely popular.
Send for complete Iron Age Catalogue. Mailed Free.



PRICE

\$2.75 to \$10.

FLOWER SEEDS.

ALYSSUM.

One of the sweetest and most useful of summer flowers. Hardy annual.

Sweet. Flowers pure white. 5 cents per packet.

ANTIRRHINUM.

(Snapdragon.)

One of our most showy and useful border plants. Hardy perennials, blooming the first year from seed. One or two feet.

Finest Mixed. Per packet, 5 cents.

ASTERS.

The Aster is one of the most popular and effective of our garden favorites. For beauty and variety of habit, form and color, it stands unrivaled. No family of plants bears such distinct marks of progress in the last few years in improved strains and new varieties. Give the Aster a deep, rich soil, and a mulching of coarse manure is very beneficial. A little liquid manure occasionally will give good results. Sow early in the house, and transplant into pots or boxes. As soon as the weather is warm enough plant in beds about twelve inches apart. Half-hardy annuals.

New Victoria. Flowers large and distinguished by an elegant and regular over-lapping of the petals. Each plant bears from ten to twenty flowers, with the appearance of a pyramid. All colors mixed. Packet, 10 cents.

Paeony Perfection Dwarf. Grows only twelve inches high; neat, compact habit, blooming profusely. Flowers large and perfectly double. Colors peculiarly rich and brilliant. Strongly recommended for planting either in beds or masses. All colors mixed. Packet, 10 cents.

Dwarf Chrysanthemum Flowered. Fine, large double flowers, resembling chrysanthemums, and valued on account of profuse flowering when others are done. Plant twelve inches high. All colors mixed. Packet, 10 cents.

Chrysanthemum. Tall, 1½ feet. Packet, 5 cents.

Improved Quilled German. Tall and branching. Flowers beautifully quilled and noted for the cleanness of their colors. Profuse bloomers and very beautiful. Mixed colors. Packet, 5 cents.



ASTER.

BALSAM.

(Lady Slipper or Touch-Me-Not.)

One of the oldest and best known summer-blooming annuals, of easy culture, producing the most striking flowers in abundance. Desirable for garden or pot culture. The soil should be of the richest and best quality. Set them about fifteen inches apart, and give them plenty of manure water. Tender annuals. Two feet.

Double Camellia Flowered. Mixed. Of perfect form; beautiful colors. Per packet, 5 cents.

BACHELOR'S BUTTON.

This is the widely known and ever popular corn flower or corn bottle; hardy annual; 2 to 3 feet high. Packet, 5c.



SNAP DRAGON.



BALSAM.

CANDYTUFT.

A well-known favorite. Is a hardy annual, very pretty in beds or masses. Spaces 3x8 inches.

White. One foot. Packet, 5 cents.

Variegated. Mixed colors. One foot. Packet, 5 cents.

CALLIOPSIS.

Very handsome and showy plants, with numerous flowers of brilliant colors and of long duration in bloom. Of the easiest culture.

Mixed. All colors. Packet, 5 cents.

CARNATION.



Carnations are general favorites for their delicious fragrance and richness of colors. The seed we offer has been imported from the best sources in Europe, and will produce many splendid novelties in double and semi-double flowers. Protect during the winter. Half-hardy perennial. One and one-half feet.

Fine Double Mixed. The hardiest and best varieties for garden culture. Packet, 10 cents.

Marguerite. These are deservedly the most popular Carnation with the amateur, as they begin flowering in a few weeks from time of sowing. The strain offered is of semi-dwarf robust habit, producing one long, strong stems an abundance of large, beautifully-fringed, highly-scented flowers. Finest mixed. Packet, 10 cents.

CANNAS.

The Cannas are desirable, not only for the beauty of their spikes of scarlet flowers, but for their highly ornamental leaves. They make superb beds for the lawn, giving our grounds in the North a tropical appearance exceedingly pleasant. Soak the seed for twelve hours in warm water before planting, and keep in a warm spot. The roots can be kept in the cellar over winter. The mixed seed we offer has been saved from the finest varieties of all colors. Packet, 5 cents.

CASTOR BEANS.

Castor Bean, in all its varieties, has a very showy tropical appearance, singly or in groups.

Mixed Colors. Packet, 5 cents.

CHRYSANTHEMUM.

The annual varieties are hardy, very pretty, especially when grown in masses. Easy culture; stand the heat; require rich soil.

Coronarum. Mixed colors. One foot. Packet, 5 cents.

COCKSCOMB.

The Cockscombs are tender annuals, require rich soil, will attain rich color and large size by repeated shiftings; cut off side flowers and leave one head only to a plant. If cut before they fade the head may be preserved during the winter. Space 12x16 inches.

Mixed Colors. Packet, 5 cents.

COSMOS.



COSMOS.

Beautiful autumnal blooming plants. Should be sown in spring, in the open ground, when danger from frost is past, or the seed may be started under cover and afterwards transplanted. When the plants are about a foot high, the tops should be pinched out to induce a bushy growth, and this should be continued until the middle of July, when they should have formed nice, bushy plants three feet high by the same in diameter.

Large Flowered Perfection.
Mixed. Packet, 5 cents.

DAHLIA.

A well-known favorite. The colors and shades of flowers are many; is a half-hardy perennial, tuberous rooted, deserving a place in every garden. Blooms till frost. Keep the roots during winter in a dry cellar, free from frost.

Various Colors, Double. Five feet. Packet, 5 cents.

Various Colors, Single. Five feet. Packet, 5 cents.

FOUR O'CLOCK.

Marvel of Peru, or Four O'clock, is a very pretty annual of vigorous growth. The flowers are brilliant, singularly mixed and varied on the same plant. Two feet. Packet, 5 cents.

FORGET-ME-NOT.

The forget-me-not is a modest, pretty little flower, a favorite with every one. Half-hardy perennial. Six inches. Fine mixed. Packet, 5 cents.

GAILLARDIA.

Blooms the whole season; large globular flowers of many colors, which are very fine for cutting; hardy annual. Packet, 5 cents.

HELIOTROPE.

The Heliotrope is a sweet-scented, tender perennial. Grows freely in the garden or greenhouse. Fine for bouquets. Two feet. Fine mixed. Packets, 5 cents.

LARKSPUR.

Delphinium. The Larkspurs are showy annuals and perennials; beautiful border flowers. Foliage much divided, flowers in terminal spikes, blue, purple, white and red. The blue flowers are very brilliant. All grow freely in good soil. Mixed colors. Packet, 5 cents.

LOBELIA.

Very dwarf plants, growing four to six inches high and forming dense masses of flowers. Of easy culture and well adapted for bedding, edging, pots or rockeries.

Finest Mixed Varieties. Packets, 5 cents.

MARIGOLD.

Marigolds are showy annuals of easy culture.

Mixed Double. (Tall French Marigold.) Packet, 5 cents.

MIGNONETTE

No annual is a more general favorite than the Mignonette. Its modest, sweet-scented flowers recommend it to every one. Of the easiest culture, it adapts itself to all situations. Finds a place in the greenhouse or conservatory, in a box or pot on the window in some narrow pent-up alley, or in the open ground in the summer.

Machet Dwarf. Large red. 6 inches. Packet, 5 cents.

PHLOX.

Phlox Drummondii. In all its varieties of colors and shades, comprising most elegant annual border flowers, blooming from July to November, should have rich, light soil. The seed may be sown in hotbed in March, and the plants planted out in June, or, when the ground becomes warm, may be sown where they are to stand. Space 4x6 inches.

Finest Mixed. Very choice; various colors. 1 foot. Packet, 5 cents.



PHLOX.

PETUNIAS.

Are annuals of extraordinary merit and of easy culture, producing a fine effect by reason of the beautiful combination of colors. In the greenhouse they may be classed as perennials. Cuttings from potted plants may be struck at any time. No plant is of more universal application than the Petunia. In the garden, conservatory or greenhouse it produces most beautiful flowers in great profusion. Will grow freely in any soil, but the richer the soil the better effect produced.

Hybrida. Mixed colors. 2 feet. Packet, 5 cents.

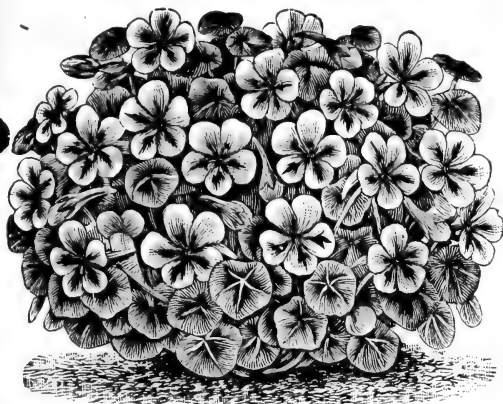
FLOWERING MOSS, or PORTULACA.

One of the most showy and beautiful of border flowers. The seed germinates freely and flourishes in almost any situation. Does not grow over six inches high. Any one can grow it in any garden.

Grandiflora Mixed. Large flowers of 15 to 20 colors mixed. Packet, 5 cents.

Double Flowering. Mixed colors, very fine. Packet, 10 cents.

NASTURTIUM.



NASTURTUM.

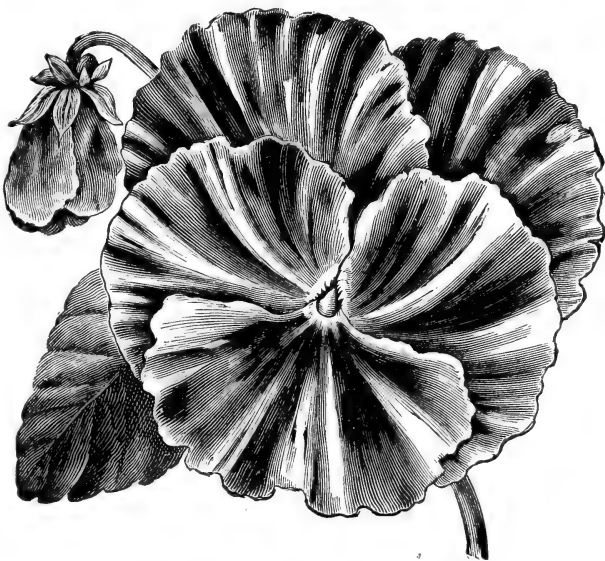
Dwarf Varieties. The improved varieties of the Dwarf Nasturtium are among the most popular and beautiful of our garden plants. Their neat, compact growth, rich colored flowers and free blooming and long lasting qualities, together with their adaptability to almost any soil or situation, make them unsurpassed for garden decoration. Hardy annuals. One foot. Packet, 5 cents; ounce, 20 cents.

Tall Varieties. Elegant and luxuriant climbers for verandas, trellises, etc., bearing their gorgeous flowers in profusion until killed by frost. May be used to cover unsightly railings and to trail over rough ground with fine

effect. The seed pods can be gathered while green and tender for pickling; half hardy annuals. Six to ten feet. Packet, 5 cents; ounce, 20 cents.

PANSY.

Pansies are the most popular of all the flowers grown from seed. It is needless to say anything in praise of such a universal favorite. It is everywhere popular, both for the brilliant beauty of its flowers and the long continuation of bloom.



PANSY.

DIRECTIONS FOR CULTURE.—

For summer blooming sow the seed in a box in the house or in a moderate hotbed in February or March. Sow thinly, or else transplant when an inch high to one or two inches apart. Give the plants air, so that they may not spindle up, and they may be hardened for transplanting to the open ground, which may be done when spring has fairly opened.

The soil may be any good garden soil, but the size and beauty of the flowers will be much increased by a liberal amount of well-rotted manure (cow manure is best) well worked in. A light clay loam is best of all soils, but good results may be had from any except light, poor sandy soil, or heavy, wet clay. A little shade is preferable to an entirely exposed situation. Remember that very large flowers and fruits can only be grown in rich soil and with sufficient moisture.

Improved Trimardeau Giant. A desirable and very attractive strain. The plants are of compact, robust and free-flowing habit. The flowers of immense size, measuring four inches in diameter; of good substance and unsurpassable in beauty and variety of coloring. Per packet, 10 cents.

Choice Mixed. A superior mixture. Packet, 5 cents.

POPPIES.

Very showy, free-blooming and easily cultivated plants, with large, brilliant-colored flowers, growing freely in any garden soil, and producing a fine effect in large clumps or mixed beds. A great advance has been made in recent years in the development of the Poppy, which has brought it into deserved popularity and it may be safely said no other flower produces a more brilliant display of color during the blooming period. Sow early in the spring where they are to remain, as they will not bear transplanting.

Shirley Single. A new strain of exceeding beauty. Flowers large and elegant, ranging in color from blush white through innumerable tints to pink and crimson. Many exquisitely shaded. Splendid for cut flowers. Seed obtained from the originator in England. 5 cents.

Double Mixed. All colors, mixed, 5 cents.

PINKS.



PINKS.

The China and Japan Pinks are deservedly very popular, as few flowers can equal them in beauty and profusion of bloom. They comprise many distinct and most beautifully marked varieties of rich and varied colors. They bloom continually all summer and fall, until severe frost; they live over winter and bloom finely again the second season. They are alike ornamental in the garden and for bouquets. Plants ten to fifteen inches high, and are of the easiest cultivation.

Chinensis. China or Indian Pink. Finest double mixed. Packet, 5 cents.

Heddewigii. Double Japan Pinks. Seed saved from the best double flowers only. Fine collection of colors. Packet, 5 cents.

Imperialis. Double Imperial Pink. Fine mixed colors. Packet, 5 cents.

Finest Single. Mixed. Packet, 5 cents.

SALVIA. (Flowering Sage.)

Of all the Salvias the Splendens is the brightest and best, well worthy of cultivation. Packet, 5 cents.

STOCK. (Ten Weeks.)

The Stock has for many years been a general favorite, but of late years the Germans have grown them in such perfection that they are considered almost indispensable when a fine display is wanted. The seed embraces a list of *fifteen separate* colors and it is grown with such great care that a very large proportion of double flowers are produced from the seed. Seeds of the Stock may be sown in the open ground, or in the hot bed or cold frame, but if transplanted let this be done when the plants are quite small, just out of the seed leaf.

Finest Mixed, all Colors. Large Flowers. Packet, 10 cents.

SWEET PEAS.

Seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes. Prepare the ground by thoroughly working in a large quantity of well-rotted manure. Make a trench six inches deep; in this sow the seed and cover two inches deep. As soon as the plants begin to show through, fill in the trench. This will secure a deep planting without the bad effect of deep covering of the seed at first, and so enable the plant to bloom continually through the heat of summer. As the flowers come into full bloom or fade, they should be cut off, for if the pods are allowed to form the plants will stop blooming.



America—Bright cardinal and white striped.

Aurora—Orange salmon and white striped.

Black Knight—Deep maroon.

Blanche Burpee—Large white.

Brilliant—Bright cardinal.

Bronze King—Coppery pink and white.

Captain Clark—White, shaded blue; pencilled.

Captain of the Blues—Purplish mauve; blue.

Captivation—Wine color.

Celestial—Pale lavender.

Chancellor—Bright shade of orange pink.

Coquette—Violet and primrose.

Columbia—Red, purple and white.

Countess of Radnor—Lavender.

Countess the New—Clear lavender.

Countess Cadogan—Reddish mauve; standard; wings violet.

Cupid—Dwarf; white.

Dorothy Tenant—Deep rosy mauve.

Duke of Clarence—Bright rosy claret.

Duke of Sutherland—Deep claret and indigo blue.

Duke of York—Rose and primrose.

Duke of Westminster—Standard rosy maroon; wings violet purple.

Emily Eckford—Rose purple, suffused blue.

Emily Lynch—Rose, pink and primrose.

Gray Friar—Marble purple on white.

Golden Gleam—Pale primrose yellow.

Gorgeous—Salmon orange, wings softer and deeper.

Hon. F. Bouverie—Standard flesh pink, wings rosy buff.

Indigo King—Maroon and indigo blue.

Juanita—Lavender and white striped.

Lady Mary Currie—Orange pink, shaded rosy lilac.

Lady Nina Balfour—Lavender, suffused primrose.

Lovely—Blush pink and rose.

Lottie Eckford—White, shaded blue and mauve.

Maid of Honor—White, edged blue.

Meteor—Orange, salmon and pink.

Mikado—Cerise ground, veined with white stripes.

Mrs. Dugdale—A beautiful deep rose.

Mrs. Joseph Chamberlain—Rose, pink and white striped.

Othello—Deep glossy maroon.

Pink Friar—Carmine rose, suffused on silvery white.

Pink Cupid—Dwarf pink and white.

Prima Dona—Light blush pink.

Prince Edward of York—Bright scarlet and crimson.

Ramona—Blush and white striped.

Salopian—Deep crimson scarlet.

Senator—Purple, maroon and white.

Shazada—Dark maroon and indigo.

Striped Celestial—Pale lavender and white striped.

Stanley—Deep maroon.

Each of the above named varieties of Sweet Peas 5c. per packet, 10c. per ounce. Mixed, 5c. per packet, 25c. per quarter pound, 75c. per pound.

SWEET WILLIAM.

Double. Finest mixed. Very large flowers. Packet, 5 cents.
Single. Finest mixed. Choice Colors. Packet, 5 cents.

VERBENA.



VERBENA.

No plant is more generally cultivated or more eagerly sought after than the Verbena, and no plant excels it for masses in beds on the lawn. They flower perfectly well from seeds sown in the spring. If started in the house in pots in winter, they will bloom sooner; but if sown in open ground in May they will bloom in August. Each plant will require a space of one foot.

Mammoth Mixed. Packet, 5 cents.

ZINNIAS.

A very showy plant, with large double flowers. Sow the seed early in spring, in open ground and transplant to one and one-half feet apart, in good rich soil. Half-hardy annual; one and one-half feet high.

Mixed Double. The colors run through all the shades of carmine, lilac, scarlet, purple, crimson, yellow, to pure white. Packet, 5 cents.

VINES AND CLIMBERS.

MORNING GLORY, CONVULVULUS MAJOR.

The *Convolvulus Major* is an annual of rapid growth; large flowers of many colors and shades; suitable for porches or arbors; blooming in July and constantly till frost. Large packet, 5 cents; ounce, 15 cents.

New Imperial Japanese. The flowers are of gigantic size, exquisite variety of colors, and with magnificent marbled foliage. The flowers measure from four to six inches across. The colors are limitless in variety and very beautiful. Of easy culture, and if sown early will produce magnificently. Choicest mixed, 10 cents per packet.



IMPERIAL JAPANESE
MORNING GLORY.

MOON FLOWER.

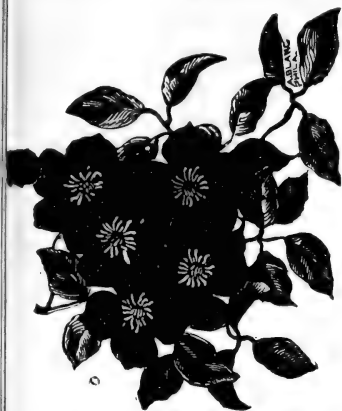
At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, five to six inches in diameter. It is a rapid grower, and within a few months will grow as much as forty feet. To insure germination take a sharp knife and cut a small nick in shell of each seed, and soak in lukewarm water for about four hours before planting. Packet, 5 cents.

CYPRESS VINE.

An elegant climbing plant with beautiful fern-like foliage and masses of beautiful star-like flowers. Fifteen feet. Half hardy annuals. Mixed. Packet, 5 cts.

PASSION FLOWER.

Purple, violet and white. The Passion Flower is a half hardy perennial; in favorable situations grows vigorously and produces a profusion of beautiful flowers. Twenty feet. Packet, 5 cents.



CLEMATIS.

CLEMATIS.

No flower has more rapidly advanced in popular favor than the Clematis. Within a few years it has become the favorite climber of the world. For pillars, trellises, bedding in masses, or planting about rock work, the Clematis cannot be excelled.

They are perfectly hardy, of rapid growth, attaining a height of fifteen feet, and blooming the greater part of the Summer and Fall. The effect produced by a well grown plant when in bloom is grand. Packet, 10 cents.

COBÆA.

Scandens. Handsome bell-shaped flowers. The vines often extend twenty feet. Packet, 10 cents.

ORNAMENTAL GOURDS.

Dish Cloth or Bonnet Gourd. Packet, 5 cts.

Heracles' Club. Packet, 5 cents.

Mixed Gourds. Large. Packet, 5 cents.

Egg Gourd. Packet, 5 cents.

Sugar Trough. Packet, 5 cents.

Dipper Gourd. Packet, 5 cents.

SPRING BULBS.

THE GLADIOLUS.

On All Bulbs Postage
Must be paid by Pur-
chaser.

No flower surpasses the Gladiolus in brilliancy of color, and with their variety of shades and markings, their large and beautiful form, they stand at the head of bulbous plants. No one should be contented with the old red and yellow variety, but should plant a dozen or a hundred of the beautiful sorts that run from white through every shade of pink, red, yellow and purple to a black maroon—when they can be had at such low prices as they can now.

CULTURE.—Plant the bulbs four inches deep and six inches apart in rows one to two feet distant in rich soil, preferably a light one. Plant at any time from the first of May to the middle of June, and as they grow tie them to sticks. If very dry copiously water them. In the fall when the tops are dead, take them up, pull off the old bulbs and throw them away and store the new ones in some dry place where they will not freeze.

We offer very low prices—lower than ever before.

A fine mixture of named varieties, none but the best kinds, at 25 cents per dozen.

DAHLIA.

Single and Double. Named sorts of various colors, each 10 cents. Same, unknown colors, 5 cents each.



GLADIOLUS.

LILIES.

Lilium Auratum. (Gold Banded Lily.) A magnificent flower, six to ten in. in diameter, and loaded with fragrance. 20 cents each.

Lilium Lancifolium Album. (White Japan Lily.) 20 cents each.

Lilium Lancifolium Rubrum. Spotted with crimson. 20 cents each.

Lilium Tigrinum. (Tiger Lily) 20 cents each.

CROZY'S EVER-BLOOMING CANNAS.

Alsace. Sulphur yellow changing to creamy white without spots; vigorous grower; green foliage. Four feet. 10 cents each.

Charles Henderson. Bright vermilion red, penciled with yellow in the center; compact, dwarf with very large flowers. Three and one-half feet. 10 cents each.



CANNAS.

Flamingo. Glowing crimson, flowers large, gracefully reflexed and of fine form. Dark green foliage. 4 feet. 10 cents each.

Florence Vaughan. Rich golden yellow, spotted bright red. 4 ft. 10 cents each.

Madame Crozy. Dazzling crimson scarlet, bordered with golden yellow; foliage bright green. 4 feet. 10 cents each.

Queen Charlotte. Rich scarlet, with a wide, bright gold band around each petal; large flowers, green foliage. 3 feet. 10 cents each.

Robusta Perfecta. A most distinct and handsome sort, bearing immense leaves 12 to 18 inches wide and three feet long, of bright, bronze red color; 6 to 7 feet high. With good cultivation will grow 10 feet. 10 cents each.

Peachblow. Is a dwarf canna of recent introduction, and bears fairly large trusses of medium sized flowers, white changing to rose, with a distinct blotch of pink at the neck of the flower. Green foliage. 10 cents each.

Morning Star. Is a dwarf canna; green foliage. Flowers similar in color to Florence Vaughan—a bright yellow with maroon spots. A very handsome variety and can be recommended as a first-class yellow sort. 10 cents each.

Shenandoah. A splendid red or bronzed leaved variety. The foliage is rich ruby red, exquisitely veined and tinted like some rare hot-house plant. It bears fine large trusses of beautifully waxy rose pink flowers, and unlike other red-leaved sorts, is a most early and abundant bloomer, highly ornamental, and sure to be in large demand when better known. 10 cents each.

Alphonse Bouvier. Very rich in color, a deep crimson, tinted with a dazzling red. Grows 5 to 6 feet high and has trusses of very large flowers throughout the season. 10 cents each.

Italia. Is of bright orange scarlet with very broad golden-yellow border. The flowers are six inches across. Height 5 feet. 10 cents each.

Austria. Is a counterpart of Italia in every way except in the color of its flowers, which are a pure canary yellow. Height 6 feet. 10 cents each.

THE TUBEROSE.

The frequent failures, in getting blooms from the Tuberose come from three causes—the planting of bulbs that have already bloomed, or of those that having been too cold in winter have rotted in the center, something that cannot readily be seen; or thirdly, from planting out too early, by which the same thing is caused. If anxious to have them bloom early in the summer they may be started in a hotbed or warm place in the house. Besides this they really will bloom as soon if planted in the open ground in a sunny spot the last of May as in ordinary treatment on the other plan. Rich soil, sun and moisture are required. Set bulbs with tops just above the ground.

Double Tall Tuberose Bulbs. Two for 5 cents; 25 cents a dozen.

Double Dwarf Pearl Tuberose Bulbs. Two for 5 cents; 25 cents a dozen.

Single Tuberose Bulbs. Two for 5 cents; 25 cents a dozen.

IMPORTED DUTCH BULBS.

In fall we have a complete and well selected assortment of Dutch Bulbs direct from the best bulb growers in Holland, and they are always first class in quality.

Our assortment consists of Hyacinths, Tulips, Crocus, Narcissus, etc., all of which should invariably be planted in fall.

Bulb Catalogue and Price List ready in September and mailed free to all applicants.



Miscellaneous Bulbs.



ELEPHANT'S EAR.

CALADIUM ESCULENTUM.

(Elephant's Ear.)

The foliage of this tropical plant is of immense size, frequently measuring from eight to ten feet in circumference. It is particularly striking when grown either single or in a group on the lawn, with Cannas in the center. Will flourish anywhere. 5 to 25 cents each.

MADERIA or MIGNONETTE VINE.

One of the finest plants for rapidly covering trellis work we know of. Unexcelled for rapid growth. A great bloomer. Very sweet fragrance.

Three for 10 cents.

BIRD SEED.

It is important to use good bird seed, and much sold in packages is inferior, consisting largely of Hungarian and common Millet. Our stock is composed of the best imported, consisting of Sicily, Canary, Russian Hemp, German Rape and Italian Millet. Per pound, separate or mixed, 10 cents, or three pounds for 25 cents.

Bird Manna. An invaluable food for birds. Packet, 15 cents.

Mocking Bird Food. The same fine quality sold for years. In bulk, 35 cents per pound.

Parrot Seed. An excellent mixture. 15 cents per pound; two pounds for 25 cents.

Parrot Food. 15 cents per box.

Cuttle Fish Bone.

Fish Food. 10 cents per box.

Silver Gravel. 10 cents per box.

Song Restorer. A tonic for birds when out of health. Per bottle, 25 cents.

COMMON FLOWER POTS.

	EACH.	Doz.		EACH.	Doz.
2 inch . . .	2c.	15c.	7 inch . . .	10c.	90c
3 inch . . .	3c.	25c.	8 inch . . .	13c.	\$1.00
4 inch . . .	4c.	35c.	10 inch . . .	18c.	2.25
5 inch . . .	5c.	50c.	12 inch . . .	50c.	
6 inch . . .	7c.	65c.	15 inch, with saucer .	\$1.25.	

Much lower to gardeners and all wanting large quantities. These pots are of superior quality, good shape, smooth and strong, both red and white. Also small pots of cheaper grade. Saucers half price of pots.

COLD FISH.

We have an elegant stock of selected American bred fish. Those bred in this state have a peculiar brilliancy and, we believe, will please all our customers.

FISH GLOBES.

All sizes, both hanging and footed globes. Prices from fifty cents up.

PLANTS FOR GLOBES.

Cabomba Cariolina. A fine aquatic plant. Per bunch, 10 cents.

AQUARIA ORNAMENTS.

Full line, from 10 cents up, according to size.

UNION CYPRESS FLOWER TUB.

An excellent new tub, cheap, neat and durable.

Made from $\frac{7}{8}$ inch Cyprus, with iron handles, iron feet, three iron hoops, and two coats of green paint.

- No. 1—13 in. diameter, 11 in. high . . \$0.75
 No. 2—14½ in. diameter, 13 in. high . . 1.25
 No. 3—16 in. diameter, 15 in. high . . 1.75
 No. 4—20 in. diameter, 18 in. high . . 2.25
 No. 5—24 in. diameter, 21 in. high . . 2.75



✓ HOERMANN & CLEARY'S

NEW WAX LIMA BUSH BEAN.

(Edible Pods.)

Foliage
quite
like
the
Henderson
Lima.
Strong,
vigorous
grower
and
abundant
yielder.



Pods
are
very
broad,
flat,
long,
clear,
transparent
glossy
wax,
entirely
stringless.

Our Aim

IS TO PLEASE OUR CUSTOMERS BY FURNISHING THEM WITH PURE, RELIABLE AND TRUE TO NAME SEEDS AT REASONABLE PRICES. TRY OUR SEEDS. THEY WILL PLEASE YOU.

Low Prices

ARE THE RULE IN THIS CATALOGUE, BUT ON LARGE QUANTITIES OF SEEDS, SUCH AS MARKET GARDENERS USE, A FURTHER REDUCTION WILL BE MADE.

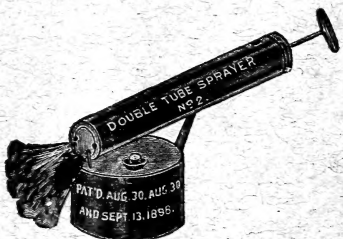
Sprayers for 1902.

— THE —

Double-Tube Lightning Insect Exterminator No. 2.

(PATENTED AUG. 30, 1898.)

Kills, Drives Away, and Exterminates Every Living Thing Obnoxious to Yourself, Your Animals or Your Crops.



LIGHTNING EXTERMINATOR

The Double-Tube Lightning Insect Exterminator No. 2, for 1902, is made with double tube, and is double the capacity of any sprayer made, covering a radius of two and one-half feet, producing two large sprays with one operation. Also made in copper or galvanized reservoir, which will not rust nor corrode. This chamber is of large capacity, and the reservoir holds two quarts, which is enough to spray 2000 hills of potatoes. Only one stroke required to cover a hill of potatoes, which cannot be done with any other machine made.

Double-Tube Lightning Insect Exterminator No. 10.

This Exterminator is made with the same size air chamber as our No. 2, and is made with double tubes, throwing two large sprays at one time. The reservoir is made of galvanized iron, which is very durable, and will not rust. The capacity of the reservoir is one quart. This makes a light, handy Sprayer with great capacity of spray. The filling hole is made funnel shape, so there is no funnel to be used in filling same. It is provided with best kind of cork, which will not rust in. The plunger rod is steel, and the rear end cap is so arranged that the plunger leather draws back into same when pulling the plunger out, and keeps the leather from wrinkling, which is instantly done. This Sprayer is adapted for every kind of insect killing and spraying purpose.

How to Mix Kerosene Emulsion.—Heat one gallon of soft soap until it becomes a liquid. Add two quarts of kerosene oil. Stir together until the soap and oil will not separate. Put this into six gallons of water. Stir thoroughly when all is ready. Spray very freely. For currants, gooseberry bushes (which are usually attacked by currant slugs, saw flies and span worms), use Paris green in the same proportion as for potato bugs. For rose bushes or house plants, use fir tree oil, or lemon oil made thin. Rose leaf extract of tobacco is also used with great results. For disinfectants, use carbolic acids. For house flies, a few puffs of Persian insect powder; lavender oil is also an excellent remedy. For killing lice and insects in the wall and on the roosts of poultry houses, use kerosene, carbolic acid and lime water. For lice on stock, use tobacco juice. For spraying cigar wrappers, use water; also for clothes and carpets.

Caution.—Always see that the leather plunger is kept well oiled, and no wrinkles left in the leather when placing same in air tube.

PRICES.

No. 2. Double Tube Copper	- - - - -	90 cents
No. 10. Galvanized Iron Reservoir, Double Tube	- - - - -	75 cents